

PRESS RELEASE

## **EKPO fuel cell stack for power supply unit at Amsterdam Airport**

- **EKPO supplies NM5-evo fuel cell stack for aircraft power supply system**
- **Power supply unit to be operated by KES B.V. and KLM Ground Services at Amsterdam Airport Schiphol**
- **Order placed by Dutch fuel cell system integrator zepp.solutions B.V.**

**Dettingen/Erms (Germany), June 4, 2024** +++ EKPO Fuel Cell Technologies GmbH (EKPO) and Dutch system integrator zepp.solutions B.V. are extending their collaboration. Having already provided zepp.solutions with stacks for applications in the field of logistics as well as for use in construction machinery and multiple maritime projects in recent years, EKPO is now supplying another NM5-evo fuel cell stack. zepp.solutions will integrate this stack into a fuel cell system supplying power to aircrafts at Amsterdam's Schiphol Airport. This contract is part of an EU-funded project.

"We are delighted with this new progress in our successful partnership with zepp.solutions. By integrating our stacks into fuel cell systems at one of Europe's most relevant hubs, an important contribution to the decarbonization of airports can be made. This order shows how broad the range of applications is in which our powerful and compact fuel cell stacks are used," says Dr. Gernot Stellberger, CEO of EKPO Fuel Cell Technologies GmbH.

The Y50 fuel cell system engineered by zepp.solutions forms the heart of the power supply unit and ensures constant, reliable power supply for aircrafts on the ground. The fully integrated hydrogen fuel cell module boasts industry-leading power density, can be integrated across various sectors and is equipped with an NM5-evo stack from EKPO.

Achieving in excess of 6.0 kW/l in the cell block, the EKPO stack family is seen as a market benchmark when it comes to power density. Furthermore, the stack design offers the best possible basis when it comes to scaling and modularization; it meets customers' standards and expectations in terms of compactness combined with high reliability and outstanding efficiency.

The power supply unit used by KES B.V., initially being built as a prototype, is part of the TULIPS consortium, which aims to develop innovations for reducing emissions at airports over the next four years with funding from the European Union. The power supply units installed at airports are currently mainly operated with diesel generators. The project is part of the European Green Deal and promotes a collaborative approach by airports, airlines, knowledge institutes, and industry partners in support of sustainable aviation.

**For further information, please contact EKPO Fuel Cell Technologies:**

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**About EKPO Fuel Cell Technologies**

EKPO Fuel Cell Technologies (EKPO), headquartered in Dettingen/Erms (Germany), is a leading joint venture in the development and large-scale production of fuel cell stacks for CO<sub>2</sub>-neutral mobility. The company is a full-service supplier for fuel cell stacks and components used in passenger cars, light commercial vehicles, trucks, and buses as well as in rail and marine applications. Within this context, the company is building on the industrialization expertise of two established international automotive suppliers – ElringKlinger and OPmobility.

The aim of the joint venture is to develop and mass-produce high-performance fuel cell stacks in order to further advance CO<sub>2</sub>-neutral mobility – whether on the road, rail, water, or off-road.